

date 06/09/2017

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SERIES: SJ2-359X-SMT | DESCRIPTION: AUDIO JACK

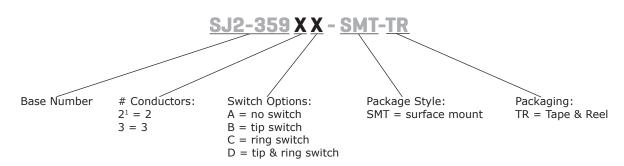
FEATURES

- multiple switch configurations
- right angle
- reflow solder compatible
- surface mount





PART NUMBER KEY



Note: 1. 2 conductor option only available with tip switch

SPECIFICATIONS

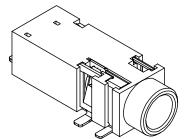
parameter	conditions/description	min	typ	max	units
rated input voltage	containens, accentiquen		12	- IIIuX	Vdc
rated input current				1	Α
contact resistance ²	between terminal and mating plug between terminal in a closed circuit			50 30	$m\Omega$
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life	at a rate of 24 cycles/minute		5,000		cycles
flammability rating	UL94V-0				
RoHS	2011/65/EU				

Note:

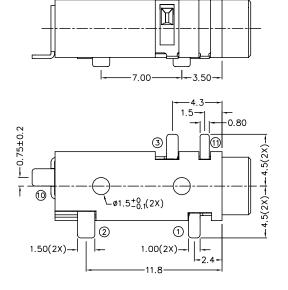
- 2. When measured at a current of less than 100 mA/1 kHz
- 3. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

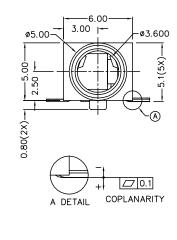
MECHANICAL DRAWING

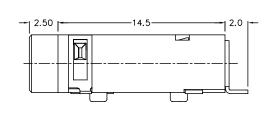
units: mm tolerance: $X.X \pm 0.2 mm$ $X.XX \pm 0.10 mm$ $X.XXX \pm 0.050 \text{ mm}$ PCB: ±0.05 mm

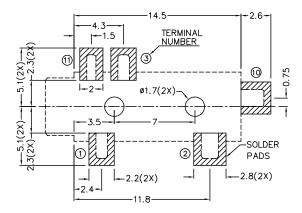


PLATING
oy silver
oy silver
oy silver
silver
oy silver

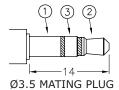








Recommended PCB Layout Top View



Model No.	SJ2-3592B-SMT	SJ2-3593A-SMT	SJ2-3593B-SMT	SJ2-3593C-SMT	SJ2-3593D-SMT
Schematic	010	01	01 03 010 02	01 03 011 02	01 03 011 010 02
PIN					
1	sleeve	sleeve	sleeve	sleeve	sleeve
2	tip	tip	tip	tip	tip
3	NP	ring	ring	ring	ring
10	tip switch	NP	tip switch	NP	tip switch
11	NP	NP	NP	ring switch	ring switch

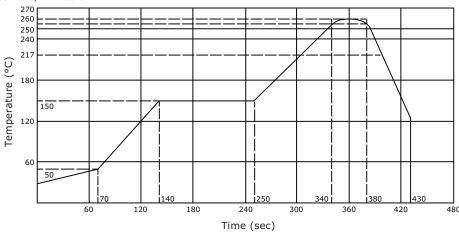
REEL

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <80%			40	°C
reflow soldering ¹	see reflow profile	255	260	265	°C
drying conditions ²	parts in reel: bake at 40°C ±5°C for 72 hours	hours			

Note:

- parts removed from reel: bake at 40°C ±5°C for 10 hours
- 1. Must reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%. 2. When exceeding floor life by >72 hours.

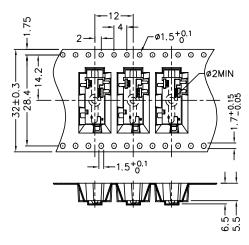


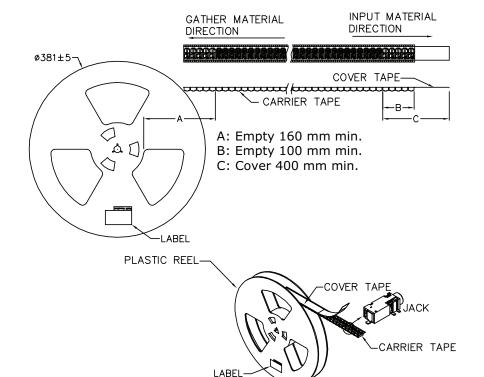
PACKAGING

units: mm

Reel Size: Ø381 mm

Reel QTY: 1,000 pcs per reel





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REVISION HISTORY

rev.	description	date	
1.0	initial release	12/12/2016	
1.01	added storage and drying conditions	06/09/2017	

The revision history provided is for informational purposes only and is believed to be accurate.



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CUI offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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